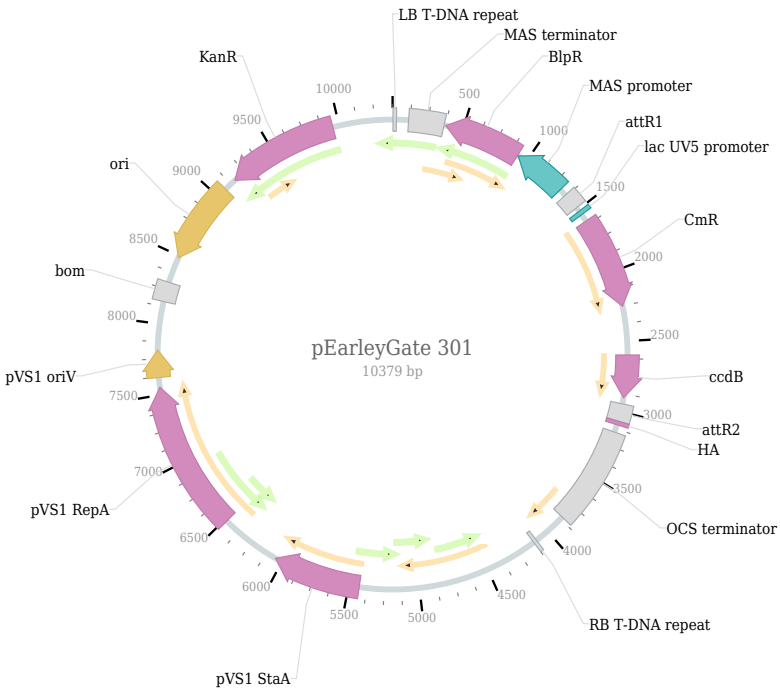
pEarleyGate 301

Vector ID	V010856
Antibiotic Resistance	Chloramphenicol
Length	10379 bp
Vector Type	Plant Vectors

Product Information

Replication Origin	ori
Source/Author	Earley KW, Haag JR, Pontes O, Opper K, Juehne T, Song K, Pikaard CS.
Selection Marker	Bar
Copy Number	High copy number
Promoter	MAS
Growth Strain(s)	DB3.1
Growth Temperature	37℃
Comment	pEarleyGate 301 is a Gateway-compatible promoterless plant transformation vector with a C-terminal HA tag.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.